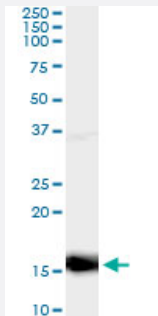


PF4 (Human) IP-WB Antibody Pair

Catalog # H00005196-PW1

Size 1 Set

Applications



Immunoprecipitation of PF4 transfected lysate using mouse monoclonal anti-PF4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-PF4.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PF4 transfected lysate using mouse monoclonal anti-PF4 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-PF4.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-PF4 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-PF4 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PF4

Entrez GeneID [5196](#)

Gene Name PF4

Gene Alias CXCL4, MGC138298, SCYB4

Gene Description platelet factor 4

Omim ID [173460](#)

Gene Ontology [Hyperlink](#)

Gene Summary Platelet factor-4 is a 70-amino acid protein that is released from the alpha-granules of activated platelets and binds with high affinity to heparin. Its major physiologic role appears to be neutralization of heparin-like molecules on the endothelial surface of blood vessels, thereby inhibiting local anti thrombin III activity and promoting coagulation. As a strong chemoattractant for neutrophils and fibroblasts, PF4 probably has a role in inflammation and wound repair (Eisman et al., 1990 [PubMed 1695112]).[supplied by OMIM]

Other Designations chemokine (C-X-C motif) ligand 4|platelet factor 4 (chemokine (C-X-C motif) ligand 4)

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)